DIVISION OF WATER RESOURCES

STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 10949
Permit No.
Basin Fernley Segment

1. OWNER Nevada State Highway Dept Fernley Maintenance Yard ADDRESS Box 930 Reno Nevada

2. LOCATION ¼ ¼ Sec. 11 T. 20 N/S R. 24 E. Lyon County
PERMIT NO.

3. TYPE OF WORK
New Well ☑ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☑ Irrigation ☐ Test ☐
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☑
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand & thin streaks of Clay	21-48	0	48	48
Clay		48	51	3
Sand & thin streaks of Clay	51-70	51	70	19

Date started 3/13, 19 70
Date completed 3/23, 19 70

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	0		
	14	19	10 hrs

BAILER TEST
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

8. WELL CONSTRUCTION
Diameter hole 13¼ inches Total depth 70 feet
Casing record 8"
Weight per foot Thickness ¼

Diameter	From	To
8" inches	+ 1 feet	70 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☑ No ☐ Type Wooly Mud
Depth of seal 50
Gravel packed: Yes ☑ No ☐
Gravel packed from 50 feet to 70 feet

Perforations:
Type perforation Torch Cut
Size perforation ⅛ x 5 - 4 to the round
From 50 feet to 70 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 49 Feet below land surface 21
Flow G.P.M. 14
Water temperature Cold ° F. Quality Good

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name James A. Wakeling
Address 309 Pyramid Way, Sparks
Nevada contractor's license number W.L.P.D.
Nevada driller's license number 554
Signed James A. Wakeling
Date 3/24/70

USE ADDITIONAL SHEETS IF NECESSARY

5471

SECRETARY

1970 MAR 25 AM 9 51

Log: 10-949

1647

Date 4-1-71

NEVADA STATE HEALTH DIVISION
LABORATORY SECTION
WATER REPORT

Lab. No.

CENTRAL LABORATORY
790 Sutro St., Reno

BRANCH LABORATORY
625 Shadow Lane, Las Vegas

Water sampled by Walter Cheel Date 3/31/71 Hour 1:00 pm

County Lyon Location of Sample Fernley

Source: ☐ Sewage ☐ Raw surface ☒ Drinking

☐ Other (specify)

REMARKS

pH Cl

Name and Address of Person Wishing Report:

Name Nevada State Highway Dept., Attn: RW Acheson

Street & Box No. P.O. Box 930

City & State Reno, Nevada 89504

MF Coliforms/100 ml. 0 Fec. Strep. Fec. Coli MPN Coli/100 ml.

SPC at 35° C. REPORT → ☒ Safe at time of Sampling ☐ Unsafe at Time of Sampling

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IN TRIPLICATE

28613

BUREAU OF LABORATORIES AND RESEARCH
NEVADA DIVISION OF HEALTH
790 Sutro Street
Reno, Nevada 89502

County Lyon
T. 20 R 24 Sec. 11
Area Fernley

WATER CHEMISTRY:

Owner New St. Highway Dept.

per Date 3-31-71

Report to New St. Hiwy Dept - R.W. Acheson
P.O. Box 930, Reno

Comment

Water from:
Well X Spring Surface
Hot Cold X Depth 70 ft.
Type construction
Casing diameter 8 in., depth 70 ft.
Number of units served
Now in use: Yes ☐ No ☐

CHECK TESTS DESIRED→				COMPLETE CHEMISTRY		OTHER	
			ppm		ppm		ppm
Color	13	Alkalinity	218	Calcium	48	Sod. and Potas.	98
Turbidity	2.5	Bicarbonate	266	Magnesium	31	Arsenic	trace
pH	7.97	Carbonate	0	Sulphate	201	Fluoride	0.25
		Total iron	0.04	Chloride	23	T.D.S.	543
		Total hardness	248	Nitrate	2.4		

Remarks The chemical analysis of this sample indicates it meets the U.S. Public Health Service Drinking Water Standards.

6392 H. LaVerne Rose
Public Health Engineer

1971 APR 19 AM 11 25